Abstract of the Disclosure:

Athletic performance is enhanced based on methods and articles for customizing the mass addition characteristics of garments as appropriate to the desired athletic performance benefits sought. The enhancements can be explained and implemented by the analysis of specific components of balance associated with the body structure of the athlete. The customized mass addition may be achieved by a carrier mateable or insertable with the garment, or by integral manufacture of mass addition garments whose effectiveness is based on components of balance principles.